Science Study Guide

Chemistry, Matter, and Interactions

Investigations 1-3 Test – 11-29-17

Vocabulary Terms (Lab Learner p. 1, 11, 18)

* Chemist
* Chemistry
* Properties
  + Qualitative
  + Quantitate
* Mass
  + Gram
* Volume
  + Liter
  + Milliliter
* Triple Beam Balance
* Dissolve
* Miscible
* Mixture
* Solution

Be able to:

* Tell the difference between qualitative and quantitative properties
* Sort mixtures and solutions
* Determine the mass of a container or material based on given information
  + Example --- I have a total mass of 54 g. The beaker has a mass of 20g. What is the mass of the baking soda? 54- 20 = 34g

Short Answer Questions

* When mixing solids and liquids together how do they interact?
* How did the liquids interact with each other?
* When measuring objects on a triple beam balance what do you need to do…
  + If it is by itself (a gram bear)
  + If baking soda is in a beaker